

Section A: National Data System Coding (i.e., PCS)



Transaction Code		NPDES									yr/mo/day						Inspection Type		Inspector		Fac Type							
1	N	2	5	3	T	N	0	0	6	9	3	0	2	11	12	1	3	1	0	2	3	17	18	C	19	S	20	2
Remarks																												
Inspection Work Days		Facility Self-Monitoring Evaluation Rating										BI		QA		Reserved												
67		1	0	69	70	1	71	N	72	N	73		74		75								80					

Name and Location of Facility Inspected <i>(For industrial users discharging to POTW, also include POTW name and NPDES permit number)</i> American Sand Co.LLC, Quarry 2 9130 Monterey Hwy Monterey, TN Putnam County	Entry Time/Date 16:10 OCT 23, 2013 Exit Time/Date 17:30 OCT 23, 2013	Permit Effective Date 1 JUN 2014 Permit Expiration Date 31 MAY 2009
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mr. Randy Roberson <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto;"> Phone: 931.839.2241 Fax: </div>	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Todd T. Claiborne 9130 Monterey Hwy Monterey, TN <div style="text-align: center; margin-top: 10px;"> Contacted <input type="checkbox"/> Yes <input type="checkbox"/> No </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-top: 10px;"> Phone: <input type="checkbox"/> 931.839.2241 Fax: </div>		

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedules	<input checked="" type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description	*See Attached Letter	Action Outcomes	Rating Codes
B O O 1 9	BMP Deficiencies	*Permit & Records	Under review	unsatisfactory
		*Facility Site Review	Not immediately corrected	unsatisfactory
		*Effluent/Rec. Waters		
		*Flow Measurement		
B O O 2 0	Improper operation and maintenance	*Self Monitoring	Under review	unsatisfactory
		*Laboratory		
		*Operations & Maintenance	Not immediately corrected	unsatisfactory
B O C 1 3	Improper/Incorrect Reporting	Pollution Prevention	Not immediately corrected	unsatisfactory
		*		

Name(s) and Signature(s) of Inspector(s)  Sharon Kingston, ENV SPECIALIST	Agency/Office/Phone and Fax Numbers Tennessee Division of Water Resources Cookeville Environmental Field Office 931-432-4015 (office)/931-432-6952 (fax)	Date 11/22/13
Signature of Management Q & A Reviewer  Johnny K. Walker, Program Manager	Agency/Office/Phone and Fax Numbers Tennessee Division of Water Resources Cookeville Environmental Field Office 931-432-4015 (office)/931-432-6952 (fax)	Date 11/27/13



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Pollution Control
Surface Mining Inspection Report

DSM-7A

14 Ac

Permit No.	Name of Operator <u>American Sand Co, LLC, Quarry 2</u>			Time
OM	Address: <u>9130 Monterey Hwy</u>			<u>16 10</u> <u>17 30</u>
TN <u>0069302</u>	<u>Monterey TN 38574</u>		County	<u>Putnam</u>
Expiration Date	OM	NPDES	<u>5-31-14</u>	Phone
Issuance Date	OM	NPDES	<u>6-1-09</u>	Lat.-Long.
Responsible Official				Title
<u>MR TODD CLAIBORNE</u>				<u>OWNER</u>

MINING	YES	NO	COMPLETE INSP. <input checked="" type="checkbox"/>	PARTIAL INSP. <input type="checkbox"/>	YES	NO	
1. Permit Signs			25. Effluent Within Permit Requirements		<u>UNKNOWN</u>		
2. Mining Plans on Site			26. Flow Within Permit Requirements				
3. Spoil Placement Within Limits			27. Facility as Described in Permit		<u>ROUGHLY</u>		
4. Stream and Drainage Limits Observed			28. All Discharge Points Permitted <u>EX</u>		<u>X</u>		
5. Outcrops Protected			29. All Discharge Points Located Accurately		<u>X</u>		
6. Topsoil Segregated and Marked			30. Correct Name & Location of Receiving Waters		<u>X</u>		
7. Regrading Current			31. Receiving Waters Sampled <u>VISUALLY</u>				
8. All Highwalls Eliminated			32. Asphalt Plants on Site			<u>X</u>	
9. Approximate Original Contour			33. Asphalt Plants Permitted			<u>X</u>	
10. Topsoil Properly Spread			34. Concrete Plants on Site			<u>X</u>	
11. Revegetation Current			35. Concrete Plants Permitted			<u>X</u>	
12. Ag. Lime Rates Adequate			36. Treatment Required			<u>X</u>	
13. Seeding Rates Adequate			37. Site in Non-Compliance		<u>X</u>		
14. Fertilizer Rates Adequate			38. Non-Compliance Requested		<u>X</u>		
15. Mulch Rates Adequate			PARAMETER	MEASUREMENT	MINIMUM	AVERAGE	MAXIMUM
16. Terraces Adequate				Sample			
17. Haulroad Drainage Controlled				Permit			
N.P.D.E.S.—WATER CONTROL				Sample		<u>4.15</u>	
18. Sediment Basins as Planned <u>FULL OF SAND</u>			Time	Permit			
19. Sediment Basins Discharging		<u>X</u>	Flow	Sample			
20. All Drainage Controlled Through Basins or Best Management Practices <u>see # 18</u>		<u>X</u>		Permit	<u>SAND Trail</u>	<u>NO WATER DIS.</u>	
21. Diversion Ditches Adequate	<u>N/A</u>		SAMPLER	Sample	<u>St. Kingston</u>		
22. Discharge Samples Taken		<u>X</u>		Permit			
23. D.M.R.s Submitted as Required	<u>X</u>		DATE	Sample		<u>10/23/13</u>	
24. D.M.R.s in Compliance <u>Report ND</u>		<u>X</u>		Permit			

GENERAL COMMENTS: LIST ANY POTENTIAL PROBLEMS, ORDERS FOR CORRECTIVE ACTIONS, OR EXPLANATIONS

MAINT ACTIVITY CURRENTLY AT THIS SITE.

SITE PERMIT RENEWAL REVIEW & INSPECTION W/RANDY ROBERSON MGR.

MAINT. ISSUE: POND WAS OVERFILLED (TO TOP OF SPILLWAY AND SAND FLOW TRAIL WAS DOCUMENTED ON BOTH EDGES OF SPILLWAY. FAILURE TO MAINTAIN IS PERMIT VIOLATION

DMR ISSUE - REPORTS SHOW NO Discharge despite FULL POND AND SEDIMENT TRAILS (SAND DEPOSITS). FAILURE TO SAMPLE AND REPORT ARE PERMIT VIOLATIONS. RECOMMEND IMPROVING ACCESS SO THAT DMP CAN BE MORE EASILY ACCESSED FOR ACCURATE MONITORING. AND BE SURE TO OBSERVE DURING/AFTER HEAVY RAIN EVENTS.

Operator's Signature	Date	Inspector's Signature	Date
<u>Randy Roberson</u>	<u>10-23-13</u>	<u>Sharon Kingston</u>	<u>10/23/13</u>

RECOMMEND RENEWING PERMIT AS REQUESTED BUT COMPLETE MAINT NEEDED

FRONT SUMP LOCATED AT N 36 07 44-85 20 17.5° controls haul road which slopes into site.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

1221 South Willow Avenue
Cookeville, Tennessee 38506
STATEWIDE 1-888-891-8332

Phone (931) 432-4015

Fax (931) 432-6952

November 27, 2013

Mr. Todd Claiborne
American Sand Company
9130 Monterey Hwy
Monterey, TN 38574

RE: Results of Site Inspection
American Sand Company, LLC
Quarry 2, NPDES Permit #TN0069302
Putnam County

Dear Mr. Claiborne:

Thank you for applying early for renewal of the NPDES permit listed above. Division personnel conducted a compliance inspection and application site review on October 23, 2013, and documented the following two permit violations:

- Improper Operation and Maintenance/Inadequate Best Management Practices (BMPs): Basin 001 was overfull of sand, with sand overtopping the spillway. (See photo log enclosed).
- Discharge Monitoring Reports (DMRs): All DMRs since permit issuance have reported flow of 0.0 gallons per minute, despite sand deposits down the spillway and past the permit boundary.

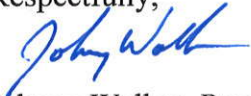
The NPDES program relies on accurate facility self-monitoring. TARE Engineer Darryl Hall has been in contact with the site manager and with our Division regarding both violations.

It is noteworthy that basin cleanout had begun at the time of the inspection. Failure to maintain basin capacity often results in excessive sediment discharge to streams. Sediment negatively impacts water quality by blocking sunlight, increasing algae productivity, and lowering dissolved oxygen. Eroded and deposited sediment reduces the transport and storage capacity of roadside ditches, streams, rivers, lakes, reservoirs and navigation channels resulting in an increased potential for localized flooding.

Mr. Todd Claiborne, American Sand Permit #TN0069302
November 27, 2013
Page 2

Please submit a written response, including photographs, to this office by December 16, 2013, to document restoration of adequate basin capacity at Quarry 2. Please include a description of measures underway to ensure adequate monitoring. If there are questions, please contact Ms. Sharon Kington at (931)432-7633. Your cooperation in this matter is greatly appreciated. Thank you again for your promptness with regard to the renewal application.

Respectfully,

A handwritten signature in blue ink, appearing to read "Johnny Walker", is written over the word "Respectfully,".

Johnny Walker, Program Manager
Division of Water Resources
Cookeville Field Office

Cc: Daryl Hall, TARE, Inc
K-EFO
CK-EFO

American Sand Co., LLC, Quarry 2
October 22, 2013

TDEC Water Resources Photo Log
By Sharon Kington ES3
Cookeville EFO

1. Basin cleanout begun in overtopped
basin



2. Sediment loss through DMP 001
spillway.



3. Sediment in spillway below
DMP 001.



4. View of sediment trail extending past spillway and past permit boundary.



5. Sediment deposit past permit boundary among wetland vegetation.

